

# RESONANT FREQUENCY ADJUSTMENT USING TUNABLE DAMPING RODS

## Abstract of Disclosure

A mechanical device is tuned using a tunable damping rod. The tunable damping rod can have its tension increased between its respective engines, to in order to increase the resonant frequency of the mechanical device. Different aspects may also be included; the mechanical device may include a constrained layer damping material, which constraints certain mechanical vibrations. The tuning may tuned the mechanical device to reach that vibration.

Figures

Figure 1: A line graph showing the relationship between the number of hours spent studying and the score on a test. The x-axis represents the number of hours (0 to 10), and the y-axis represents the score (0 to 100). The data points are as follows:

Hours	Score
0	50
1	55
2	60
3	65
4	70
5	75
6	80
7	85
8	90
9	95
10	100